

– SEE ADDENDUM –

APPENDIX A: STATEMENTS OF EDITORIAL POLICY FOR AIP AND MEMBER-SOCIETY JOURNALS

AIP Conference Proceedings

Publishes AIP Member-Society and other appropriate conference proceedings in a series of clothbound volumes. Published by AIP.

Tim Taylor, American Institute of Physics, 335 E. 45 St., New York, NY 10017

American Journal of Physics

Published by AIP for the American Association of Physics Teachers. Devoted to meeting the needs and interests of college and university physics teachers and students by focusing on the instructional and cultural aspects of physics. Contains feature articles that describe novel approaches to laboratory and classroom instruction and other areas of physics pedagogy.

Robert H. Romer, Editor, 222 Merrill Science Building, Amherst College, Amherst, MA 01002

Applied Optics

Published by the Optical Society of America. Contains original papers in applied optics and related fields, and is of particular interest to engineers and applied physicists. Emphasis is on "modern" optics. Includes articles, letters, and rapid communications on the applications of facts, principles, and methods of optics.

William T. Rhodes, Editor, School of Electrical Engineering, Georgia Institute of Technology, Atlanta, GA 30332

Applied Physics Letters

Provides timely, short reports of important and new findings in applied physics, and rapid dissemination of brief reports on new developments in fields regularly covered by *Journal of Applied Physics*. Special topics, such as high T_c superconductors, can be given particularly rapid publication. Published by AIP.

Hartmut Wiedersich, Editor, Argonne National Laboratory, P.O. Box 8296, Argonne, IL 60439

The Astronomical Journal

Published by AIP for the American Astronomical Society. Contains original observations and research in all branches of astronomy. High-quality photoreproductions of star plates and spectrograms are a part of this publication.

Paul Hodge, Editor, Department of Astronomy, University of Washington, Seattle, WA 98195

The Astrophysical Journal

Published by the University of Chicago for the American Astronomical Society. Published three times monthly (in two parts), this publication contains articles on all aspects of astrophysics and astronomy, and related sciences that are primarily applicable to astronomical objects.

Helmut A. Abt, Managing Editor, Kitt Peak National Observatory, Box 26732, Tucson, AZ 85726-6732

Bulletin of the American Astronomical Society

Published by AIP for the American Astronomical Society. Contains abstracts of papers to be given at meetings of the Society and annual observatory reports.

Peter B. Boyce, Editor, American Astronomical Society, 2000 Florida Avenue N.W., Washington, D. C. 20009

Bulletin of The American Physical Society

Published by AIP for The American Physical Society. Contains abstracts of papers to be given at Society meetings and information on Society events and programs.

W. W. Havens, Jr., Editor, The American Physical Society, 335 E. 45 St., New York, NY 10017

Computers in Physics

Published six times annually, this publication contains news and feature articles on computers and their applications in physics, as well as peer-reviewed journal articles. Both sections of this magazine-journal combination contain material on the use of main frames and personal computers in pedagogy, in numerical simulation, in the collection and reduction of experimental data, and in other applications.

Robert R. Borchers, Editor, Lawrence Livermore National Laboratory, P.O. Box 5512, Livermore, CA 94550

Current Physics Index

A quarterly and cumulative annual index to all primary publications of the AIP and its Member Societies. Each quarterly issue contains a three-month accumulation of abstracts organized by subject and alphabetical author indexes. The annual cumulation omits the abstracts, but gives the complete title and byline of every paper published, alphabetically under each author's name and for up to four subject categories. The ICSTI International Classification Scheme for Physics is used. Published by AIP.

Geophysical Research Letters

Contains short, original communications on the latest research in geophysics. This monthly publication presents fast-moving areas of geophysics in a style that makes the results meaningful to scientists from diverse geophysical disciplines.

For the address of current editors, write: American Geophysical Union, 2000 Florida Avenue N.W., Washington, D.C. 20009

The Journal of the Acoustical Society of America

Published by AIP for the Acoustical Society of America. Contains reports of the latest coverage in acoustics, in both theoretical and applied areas. Coverage includes such topics as architectural, physiological, and psychological acoustics, music, voice, speech, ultrasonics, radiation, vibration, underwater acoustics and aeroacoustics, bioacoustics, statistical methods, and instrumentation. Three supple-

ments appear annually; two are programs of meetings of the Society; the third is References to Contemporary Papers on Acoustics.

Daniel W. Martin, Editor, 7349 Clough Pike, Cincinnati, OH 45244

Journal of Applied Physics

Largest general publication medium for research results in applied physics. Contains material applying physics to industry and other sciences. Active fields represented include semiconductor properties and devices, lasers and their applications, magnetic and dielectric materials, plasmas, high-polymer physics, and many more. Published by AIP.

Steven J. Rothman, Editor, Argonne National Laboratory, P.O. Box 8296, Argonne, IL 60439

The Journal of Chemical Physics

Articles report advances in theoretical and experimental research dealing with the area of overlap between physics and chemistry. Letters to the Editor section contains rapid communications, preliminary reports of findings of unusual importance, plus comments on work published in the journal. Published by AIP.

John C. Light, Editor, Department of Chemistry, The University of Chicago, Chicago, IL 60637

Journal of Geophysical Research

One of the most widely cited journals in the earth sciences. Contains original contributions on the physics and chemistry of the earth and solid planets; their oceans and atmospheres; and space physics. JGR is published four times each month.

For the address of current editors, write: American Geophysical Union, 2000 Florida Avenue N.W., Washington, D.C. 20009

Journal of Lightwave Technology

Published jointly by the Optical Society of America and the Institute of Electrical and Electronic Engineers.

Donald B. Keck, Editor, Corning Glass Works, Sullivan Park FR29, Corning, NY 14830

Journal of Mathematical Physics

Emphasizes mathematical techniques as applied to problems of physics and engineering. Contains results of original work in fields of current interest to theoretical and mathematical physicists. Published by AIP.

Lawrence C. Biedenharn, Jr., Editor, Department of Physics, Duke University, 23 Science Drive, Durham, NC 27706

Journal of the Optical Society of America A and B

Published by the Optical Society of America. These two journals contain concise accounts of experimental and theoretical investigations that contribute to new knowledge or understanding of optical phenomena, principles, or methods. *Journal of the Optical Society of America A* emphasizes

image science and is the general journal for basic materials. *Journal of the Optical Society of America B* emphasizes laser spectroscopy and modern quantum optics.

Harrison H. Barrett, Editor, J. Opt. Soc. Am. A, Optical Sciences Center, University of Arizona, Tucson, AZ 85721

Paul F. Liao, Editor, J. Opt. Soc. Am. B, c/o Optical Society of America, Manuscript Office, 1816 Jefferson Place N.W., Washington, D.C. 20036

Journal of Physical and Chemical Reference Data

A joint publication of AIP and the American Chemical Society for the National Institute of Standards and Technology. Compilations and critical reviews of evaluated reference data produced by the National Standard Reference Data System of the National Institute of Standards and Technology and other groups.

David R. Lide, Jr., Editor, National Institute of Standards and Technology, Washington, D.C. 20234

Journal of Rheology

Published by AIP for the Society of Rheology. Its purpose is to publish analysis, experimental, and numerical work on deformation and flow of materials. Both theoretical and applied work are of interest.

Arthur B. Metzner, Editor, Department of Chemical Engineering, University of Delaware, Newark, DE 19716

Journal of Vacuum Science and Technology A and B

Published by AIP for the American Vacuum Society. These journals publish reports of original research and review articles concerned with fundamental and applied vacuum science. JVSTA contains articles on thin films, surfaces, vacuum technology, and materials and processes. JVSTB emphasizes microelectronics processing and phenomena.

G. Lucovsky, Editor JVSTA, Department of Physics, North Carolina State University, Raleigh, NC 27695

T. M. Mayer, Editor JVSTB, Department of Chemistry, University of North Carolina, Chapel Hill, NC 27514

Medical Physics

Published by AIP for the American Association of Physicists in Medicine. Contains original articles and material that broadly reflects the utilization of physics in problems arising from the practice of medicine. Reflects the growth and expansion of the field of medical physics. Includes reports on the activities of the Association.

John S. Laughlin, Editor, Memorial Sloan-Kettering Cancer Center, 1275 York Ave., New York, NY 10021

Optics Letters

Published by the Optical Society of America. Contains short, original communications in optics, optical phenomena, and related areas.

P. W. E. Smith, Editor, c/o Optical Society of America, Manuscript Office, 1816 Jefferson Place N.W., Washington, D.C. 20036

Optics News

Published by the Optical Society of America. A news magazine designed to report current information to those involved in the fields of optics.

John N. Howard, Editor, Optical Society of America, 1816 Jefferson Place N.W., Washington, D.C. 20036

Physical Review A

Published in two sections each month by AIP for the American Physical Society. Section A1 is subtitled Atomic, Molecular, and Optical Physics, including also topics in "fundamental concepts," and atomic interactions with surfaces and solids. Section A15 is subtitled Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics, including clusters, biological physics, and classical physics.

Benjamin Bederson, Editor, 1 Research Road, Box 1000, Ridge, NY 11961

Physical Review B: Condensed Matter

Published by AIP for The American Physical Society. Original research in condensed matter structure and properties. Theoretical and experimental reports on structure, mechanical and thermal properties, and on electronic, electrical, magnetic and optical properties. Also included are reports of original research on the behavior of atoms, ions, nuclei, and charged particles in condensed matter.

P. D. Adams, Editor, 1 Research Road, Box 1000, Ridge, NY 11961

Physical Review C: Nuclear Physics

Published by AIP for The American Physical Society. Original research in nuclear physics and related topics, including nuclear properties, reactions, and scattering; effects of subnucleonic particles; and nuclear astrophysics.

Sam M. Austin, Editor, 1 Research Road, Box 1000, Ridge, NY 11961

Physical Review D: Particles and Fields

Published by AIP for The American Physical Society. Original research in experimental high-energy physics, particles and fields, general relativity, cosmology, astrophysics, and related subjects.

Lowell S. Brown, Dennis L. Nordstrom, and Stanley G. Brown, Editors, 1 Research Road, Box 1000, Ridge, NY 11961

Physical Review Abstracts

Published by AIP for The American Physical Society. Contains abstracts of articles accepted for publication in *Physical Review A, B, C, and D*, *Physical Review Letters*, and *Reviews of Modern Physics* one or two months later.

Margaret Judd, Editor, c/o American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797

Physical Review Letters

Published by The American Physical Society. Contains short, original communications in active and rapidly developing areas of physics. The reports are written so that their significance can be appreciated by physicists working outside the area while remaining stimulating to physicists in the same field.

Jack Sandweiss, George Basbas, Stanley G. Brown, and Gene L. Wells, Editors, 1 Research Road, Box 1000, Ridge, NY 11961

Physics of Fluids A and B

Devoted to original contributions to the physics of fluids. Part A covers fluid dynamics, including kinetic theory, statistical mechanics, structure and general physics of gases, liquids and other fluids. Part B covers plasma physics, including magneto-fluid mechanics, kinetic theory and statistical mechanics of fully and partially ionized gases.

Andreas Acrivos, Editor, Physics of Fluids A, Levich Institute, Steinman 202, City College of New York, New York, NY 10031

Fred Ribe, Editor, Physics of Fluids B, College of Engineering, 356 Benson Hall, BF20, University of Washington, Seattle, WA 98195

The Physics Teacher

Published by the American Association of Physics Teachers. Dedicated to strengthening the teaching of introductory physics at all levels. Contains background articles on physics and astronomy, and on the history and pedagogy of physics. Includes contributions on all aspects of classroom physical science teaching.

Clifford E. Swartz, Editor, Department of Physics, SUNY, Stony Brook, NY 11794

Physics Today

A semipopular publication that contains articles and news of interest to the reader with only a general interest in physical science, as well as the professional physicist. Contains feature articles that cover a wide range of topics and interests. Published by AIP.

Gloria B. Lubkin, Editor, American Institute of Physics, 335 E. 45th Street, New York, NY 10017

Radio Science

Contains papers on all applications of electromagnetic and optical fields including physical problems, remote sensing of earth and planets, telecommunications, noise, and interference.

For the address of current editors, write: American Geophysical Union, 2000 Florida Avenue N.W., Washington, D.C. 20009

Review of Scientific Instruments

Contains articles and notes concerning new and improved scientific instruments and apparatus for physics, chemistry, and the life sciences, and new methods for using them. Includes state-of-the-art reviews, book reviews, and brief descriptions of new items of interest that are commercially available. Published by AIP.

Thomas H. Braid, Editor, Argonne National Laboratory, P.O. Box 8293, Argonne, IL 60439

Reviews of Geophysics

Places in perspective timely scientific work in active areas of geophysics and space physics. Provides an overview of geophysics and the direction in which it is going. Authorship is by invitation, although suggestions from readers and potential authors are welcome.

For the address of current editors, write: American Geophysical Union, 2000 Florida Avenue N.W., Washington, D.C. 20009

Reviews of Modern Physics

Published by The American Physical Society through AIP. Provides comprehensive, scholarly reviews of significant topics as well as perspectives and tutorial articles in rapidly developing areas of physics. Seeks to enhance communication between physicists in different fields and between experienced researchers and the beginning graduate student.

David Pines, Editor, Department of Physics, University of Illinois, 1110 W. Green Street, Urbana, IL 61801

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For the address of current editors, write: American Geophysical Union, 2000 Florida Avenue N.W., Washington, D.C. 20009